

**Office of State Budget and Management**  
**Establish New, Receipt-Supported Positions**  
(G.S. 143-34.1)

Agency: DENR Division: DWQ

Budget Code: 14300 Center Title: DWQ – NCWRP Sampling Agreement Center Number: 1705-7056

**\*\*\* Position Information \*\*\***

Proposed Classification Env Biologist II

Proposed Salary Grade 70

Salary Range: SMR \$38,025-\$52,065

Proposed Effective Date: 12 /01/2005

Number of Positions 1

	<u>Center Authorized Budget</u>	<u>Current Request</u>
Total Budget	\$	\$
Receipts	<u>510,122</u>	<u>47,276</u>
Appropriation	\$	\$

Funding Source(s): Time Limited Funding from Ecosystem Enhancement Program through MOA

**Justification for Position (including description of duties and responsibilities):**

This position will be time-limited for two years and will engage in the development of documented methods for rapid bioassessment of stream water quality based on Periphyton (algae that live attached to underwater surfaces). The position is being budgeted at the approved personnel special minimum rate for the Environmental Biologist II classification. The position will construct written technical documents summarizing available literature, prepare ecological study plans, develop water quality algal sampling methods, interpretation methods, and act as lead staff in these activities.

This position's primary focus will be to construct written documentation of methods, techniques, estimates of efficiency and benefit to the DWQ in using attached algal assessments (periphyton) in streams to determine designated use impairments, violations of water quality standards, or as a potential assessment tool in identification of stressor gradients. Duties include gathering, analyzing, and reporting on the available literature, constructing defensible ecological study plans to determine the efficacy of utilizing periphyton assessments to efficiently provide value-added enhancements to DWQ's existing biological assessments that rely on fish community and benthic macroinvertebrate analysis. The position will focus endeavors on streams not lakes or estuaries.

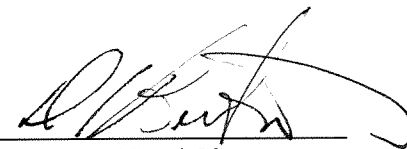
**Statutory Reference for Request**


Cathy Hardy

Presentation to be made by

Director, Budget Planning and Analysis

Title

  
Agency Head Signature

  
State Budget Officer Signature

OK-  
SKS  
11/28/05